2m Multihull

CLASS

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Federation Francaise de Voile

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2 m CLASS RULES 1995

These rules are supplemented by the following documents:
- IYRU Model Yacht Racing Division *"International Class Administrative Rules 1994",*
- IYRU Model Yacht Racing Division *"Sail identification Mark Rules 1994",*
- IYRU Model Yacht Racing Division "Resolution, Error and Accuracy of Measurements"

1 GENERAL

1.1 Purpose of the Measurement Rules

1.1.1 The 2m is a multihull development RC (Remote Control) Class.

1.1.2 The intention of these rules is to give the designer and builder the freedom in design and construction, within the scope of these rules, to build and produce competitive multihulls with the following measurement limitations:

- the maximum overall length is 2000 mm,
- the maximum width is 2000 mm,
- the maximum rigs height is 2800 mm (Windvane excluded).

1.1.3 Anything not specifically prohibited by these rules is permitted.

The following paragraphs of the *International Class Administrative Rules* are changed:

1.3.1 The Federation Francaise de Voile (F.F.V.), Secteur Voile Radiocommandee Measurement Committee, is the current authority for this class.

1.3.2 The F.F.V. shall not accept any legal responsibility in respect of these class rules.

1.4.2 In the event of a discrepancy between these rules and the measurement form, the matter shall be referred to the F.F.V.

1.4.3 Change MYRD by FFV in the text.

1.4.4 Not applicable.

1.5.1 Unless specified to a greater number of decimal places, measurements and calculated values shall be taken and recorded as follows:

Item	Units	Decimal Places Measurement	Decimal Places Calculation
Length	millimetres (mm)	0	0

2 ADMINISTRATION

The following paragraphs of the *International Class Administrative Rules* are changed:

2.2.1 The class is administered by the Federation Francaise de Voile.

2.2.2 Not applicable.

2.3.1 The *2m* Class is a Free Construction Class and no licence is required to become a builder. No building fee is due to FFV.

3 HULL(S) / FLOAT(S)

3.1 Definition

3.1.1 The boat shall be a multihull made of more than one hull or float linked by one or more cross beam(s).

A hull or float is made of the floating structure, the deck, the rudder(s), the appendage(s), the bow bumper, but does not include the rig(s).
A catamaran is made of two hulls. A trimaran is made of a central hull and two floats. A prao is made of a hull and a float. Any other kind of multihull is permitted, as long as there are a minimum of one hull and one float.

3.2 Identification Marks

3.2.1 Each hull/float shall carry in an easily visible location, either painted, engraved or moulded in, the boat's national letters and registration number.

3.2.2 On the external surface of the hulls or decks the multihull's national letters and registration number shall be displayed clearly and legibly, with a minimum height of 20 mm.

3.2.3 When a multihull has several sets of floats, each set shall be registered on a separate measurement certificate. The set registration number shall be the registration number suffixed by a letter (ex: 123/A).

3.3 Construction

3.3.1 a) The multihull shall not be longer than 2000 mm, and shall not be wider than 2000 mm.

The length is measured along the centreline of the multihull, between lines drawn at 90^0 of the centreline, tangent to the most forward stem(s) and to the most backward stem(s). For the measurement, the multihull water line should be held as parallel as possible to the surface plan used as a reference basis . The two lines define the overall length measurement lines.

The width is measured **at** the widest point of the multihull, at a 90^0 angle from the centreline.

b) Each bow bumper shall be made of elastomeric material and shall project a minimum of 20 mm.

4 APPENDAGES AND BALLAST

4.1 Ballast

4.1.1 Moveable ballasts shall not extend beyond the multihull.

4.1.2 Ballast shall not be made of a material of higher density than lead (11,3 kg/dm^3).

4.1.3 Liquid ballast are permitted and shall be fresh water, or water taken from the sailing area.

4.1.4 Solid and/or liquid ballast may be added, removed or moved at any time during a race or series of races.

5 RIG

5.1 Mast

5.1.1 The overall mast height (windvane excluded) shall not exceed 2800mm above the average deck level. When there is no deck (catamaran), the measurement must be done from a line drawn from the average deck level of the multihull.

5.2 Other Rigging Rules

5.2.1 No part of a rig shall extend beyond the overall length measurement lines when the sails are held along the centerline of the multihull.

6 SAILS

6.1 Identification Marks

6.1.1 Sails shall carry identification marks in accordance with the International Yacht Racing Rules.

6.1.2 The class insignia shall be the logo defined on the front page of this document.

6.1.3 The logo should fit in a minimum rectangle of l00mm by 60mm and a maximum rectangle of 120 mm by 70 mm. The thickness of the drawing shall be between 9 to 12 mm.

6.1.4 Spinnakers need not carry such marks.

6.2 Construction

6.2.1 Sails shall be made in accordance with the current *IYRU Sail Measurement Instructions.* When a term defined or a measurement given in the IYRU Sail Measurement Rules is used in these rules, it is printed in *"italic"* type.

6.3 Headsails

6.3.1 The mid girth of a headsail, measured between the mid point of the *luff* and the *half leech point,* may exceed 50% of the length of the *foot.*

6.3.2 Forestays and jib tacks need not be fixed approximately in the centreline of the boat.

Effective: 1 January 1995